

**2006 ACCESSORIES & EQUIPMENT****Interior Trim - Lucerne****SPECIFICATIONS****FASTENER TIGHTENING SPECIFICATIONS****Fastener Tightening Specifications**

<b>Application</b>	<b>Specification</b>	
	<b>Metric</b>	<b>English</b>
Assist Handle Screw	9 N.m	80 lb in
Center Pillar Upper Trim Screw	2 N.m	18 lb in
Rear Window Panel Bolts	6 N.m	53 lb in
Sunshade Screws	3 N.m	25 lb in
Sunshade Anchor Screws	3 N.m	25 lb in
Quarter Upper Trim Panel Screw	2 N.m	18 lb in
Windshield Garnish Molding Screw	9 N.m	80 lb in

**REPAIR INSTRUCTIONS****ELIMINATING UNWANTED ODORS IN VEHICLES**

GM Vehicle Care Odor Eliminator, GM P/N 12378554 (Canadian P/N 88901678), may control or eliminate odors in the interior and luggage compartment areas of GM vehicles. This non-toxic, biodegradable, odorless product has been shown to greatly reduce or remove the following types of odor:

- Objectionable smells of mold and mildew resulting from vehicle water leaks
- Customer created odors, such as smoke

You may safely use GM Vehicle Care Odor Eliminator on fabrics, vinyl, leather, carpet and sound deadening materials. You may also induce this product into HVAC modules and instrument panel ducts for the control of non-bacterial related odors.

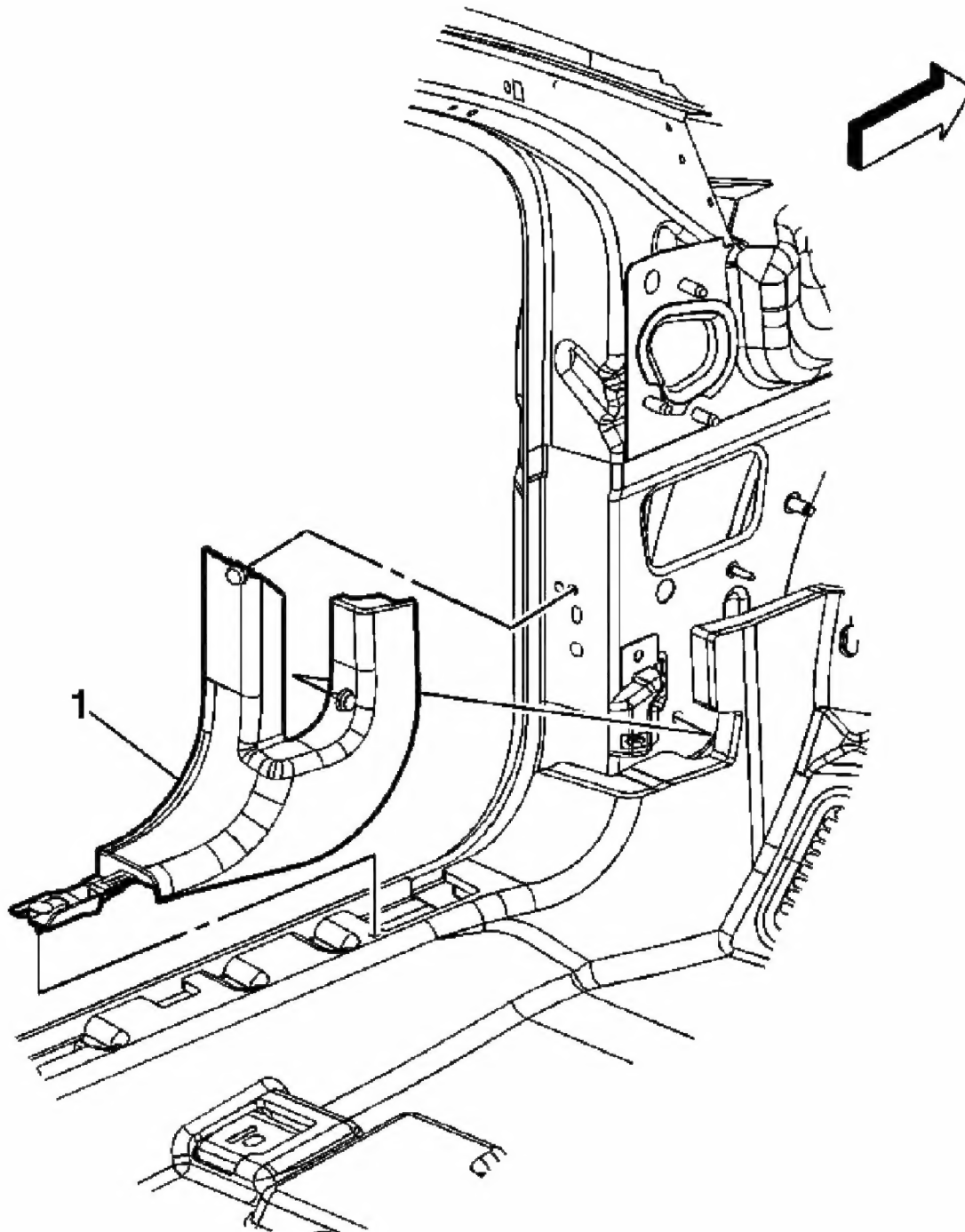
**IMPORTANT: This product leaves no residual scent and should not be used as an air freshener.**

This product may result in the permanent elimination of an odor and may be preferable to customers whose allergies make them sensitive to perfumes. This product may effectively remove odors when directly contacting the odor source. In cases such as water leaks, use this product with diagnostic procedures to first eliminate the primary cause of the odor. Then use further applications on the residual odor to permanently correct the vehicle condition.

**How to Use this Product**

- Spray GM Vehicle Care Odor Eliminator directly or as an additive with carpet shampoo in steam cleaners.
- Do not use on any interior surface that plain water would deteriorate, because this product will have the same effect. Also avoid letting this product come into contact with vinegar or any acidic substance. Acid-based products will hamper the effectiveness of GM Vehicle Care Odor Eliminator.
- Complete eight page treatment sheets are enclosed within each case of GM Vehicle Care Odor Eliminator. These treatment instructions range from simple vehicle odor elimination to full step by step procedures for odor removal from water leaks. If lost, contact 800-977-4145 to get a replacement set faxed or e-mailed to your dealership.
- Instructions and cautions are printed on the bottle, but additional help is available. If you encounter a persistent or recurring odor, you may call to obtain additional information and usage suggestions.
  - In the USA, call 1-800-955-8591.
  - In Canada, call 1-800-977-4145.

**BODY HINGE PILLAR TRIM PANEL REPLACEMENT**



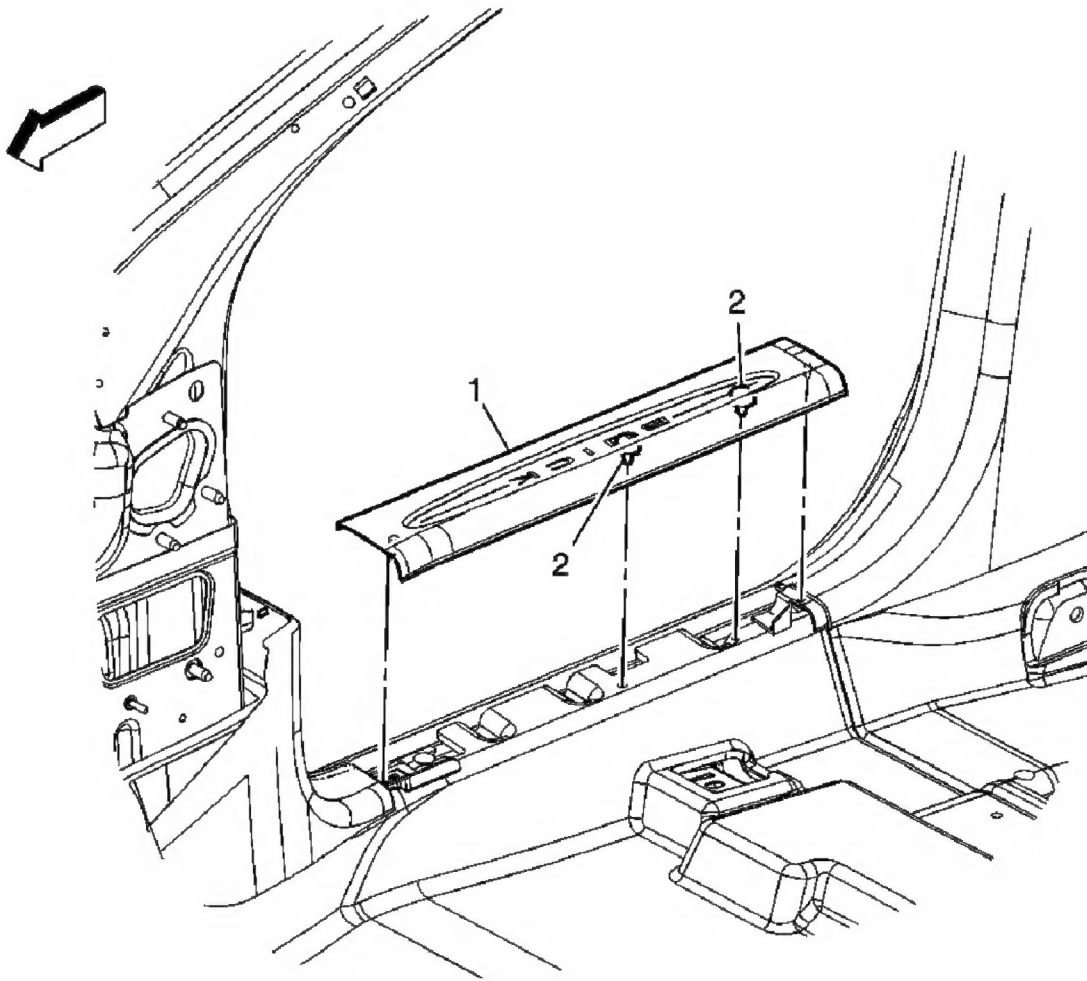
**Fig. 1: Identifying Body Hinge Pillar Trim Panel**  
 Courtesy of GENERAL MOTORS CORP.

### Body Hinge Pillar Trim Panel Replacement

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <u>Fastener Tightening Specifications</u> .	
<b>Preliminary Procedures:</b>	
Remove the front door sill trim plate. Refer to <u>Front Carpet Retainer Replacement</u> .	

**Fastener Tightening Specifications:** Refer to **Fastener Tightening Specifications**.  
**Preliminary Procedure:** Push rearward to disengage the retaining clips and slide out past the  
 Remove the front hood latch release handle. Refer to **Front Carpet Retainer Replacement**.

## FRONT CARPET RETAINER REPLACEMENT

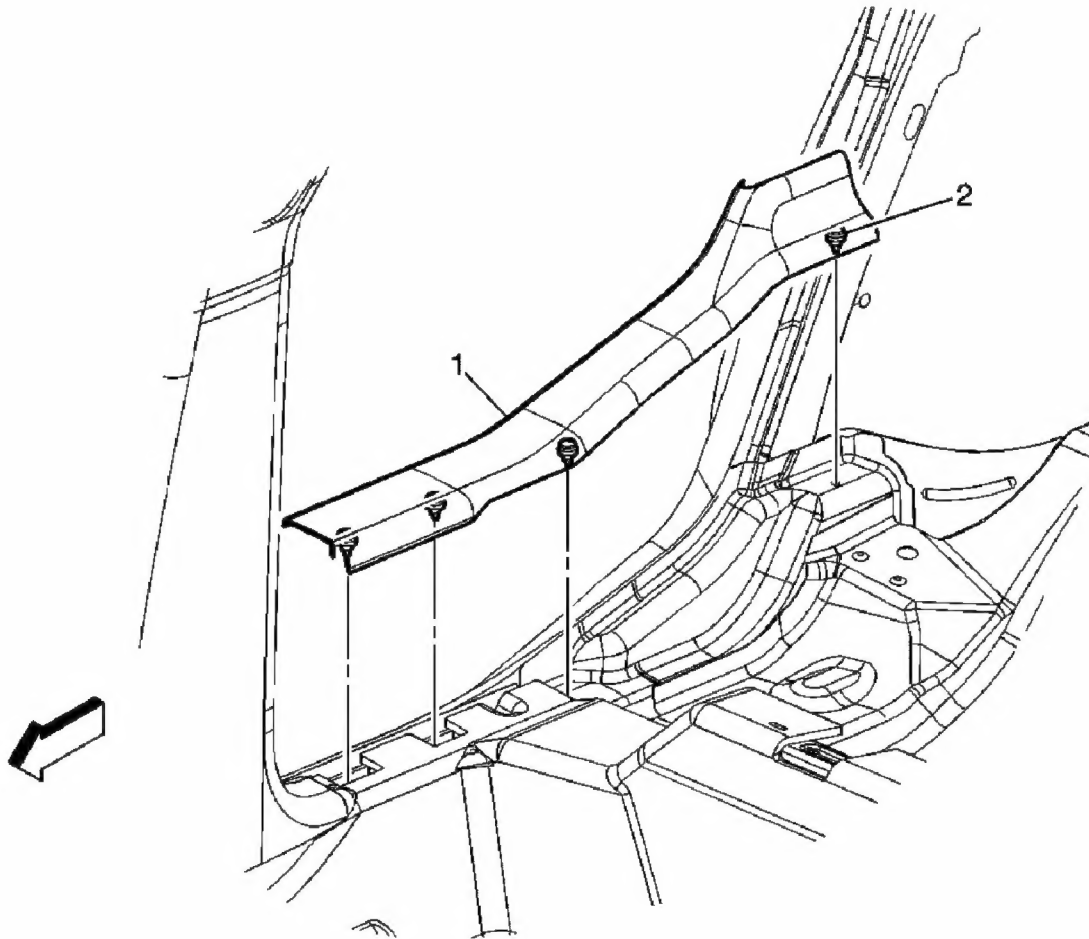


**Fig. 2: Identifying Front Carpet Retainer**  
 Courtesy of GENERAL MOTORS CORP.

### Front Carpet Retainer Replacement

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <b>Fastener Tightening Specifications</b> .	
1	Front Side Door Opening Floor Carpet Retainer
2	Side Door Opening Floor Carpet Retainer Clip (Qty: 2)

## REAR CARPET RETAINER REPLACEMENT



**Fig. 3: Identifying Rear Carpet Retainer**  
 Courtesy of GENERAL MOTORS CORP.

### Rear Carpet Retainer Replacement

Callout	Component Name
<b>Fastener Tightening Specifications: Refer to <u>Fastener Tightening Specifications</u>.</b>	
1	Rear Side Door Opening Floor Carpet Retainer
2	Side Door Opening Floor Carpet Retainer Clip (Qty: 4)

### FLOOR CARPET DRYING

If the carpet or the pad or insulator is wet, use the following criteria for drying or for replacing the components:

- For a 1-piece carpet assembly bonded to a cotton or a fiber padding, replace the entire assembly.
- For a 2-piece carpet assembly with a cotton or a fiber padding, replace the padding only. While the carpet is out of the vehicle, dry the carpet using the method described below.

- For a 1-piece carpet assembly bonded to a foam padding or attached to a synthetic padding, dry the carpet using the method described below.
- For a 2-piece carpet assembly with a synthetic padding, dry the assembly using the method described below.

### **Drying Method**

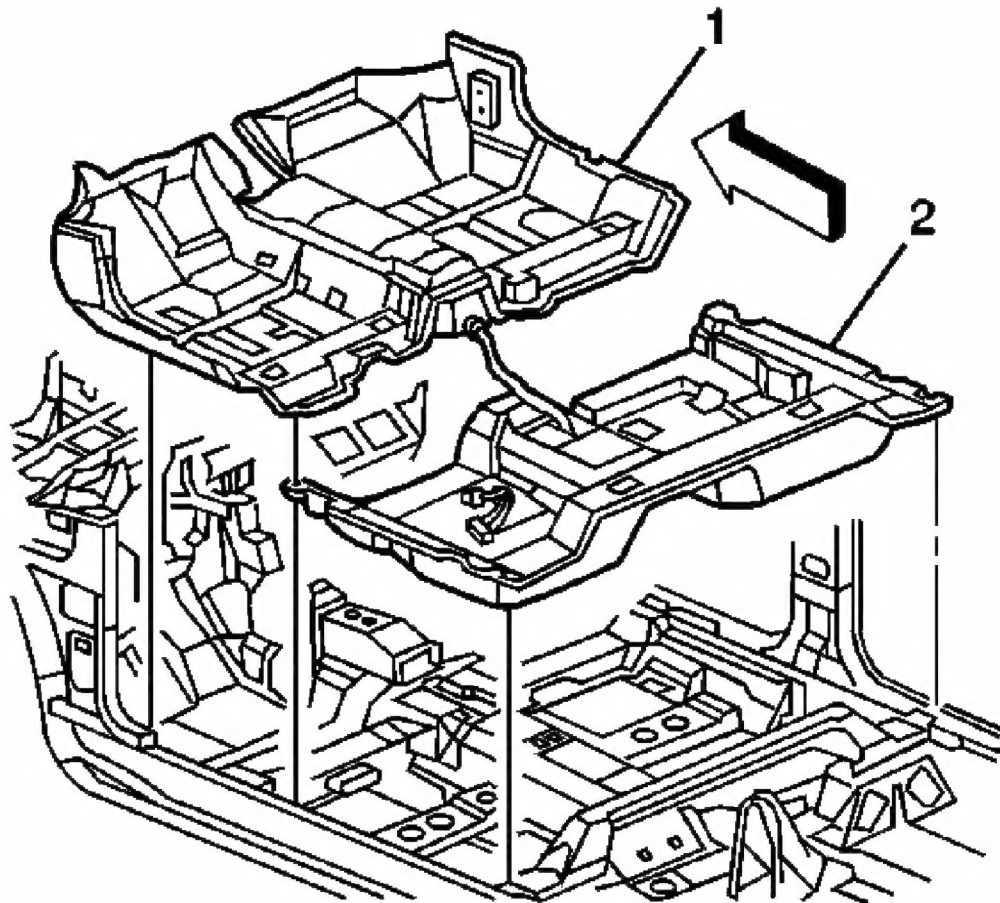
1. If you observe puddles of liquid on the carpet face, use a wet vacuum to remove the excess moisture.
2. Blot the face of the carpet with a towel in order to absorb as much moisture as possible.
3. Point a fan at the affected area and air dry the carpet.

### **FRONT FLOOR PANEL CARPET REPLACEMENT**

#### **Removal Procedure**

**CAUTION: Refer to SIR Caution .**

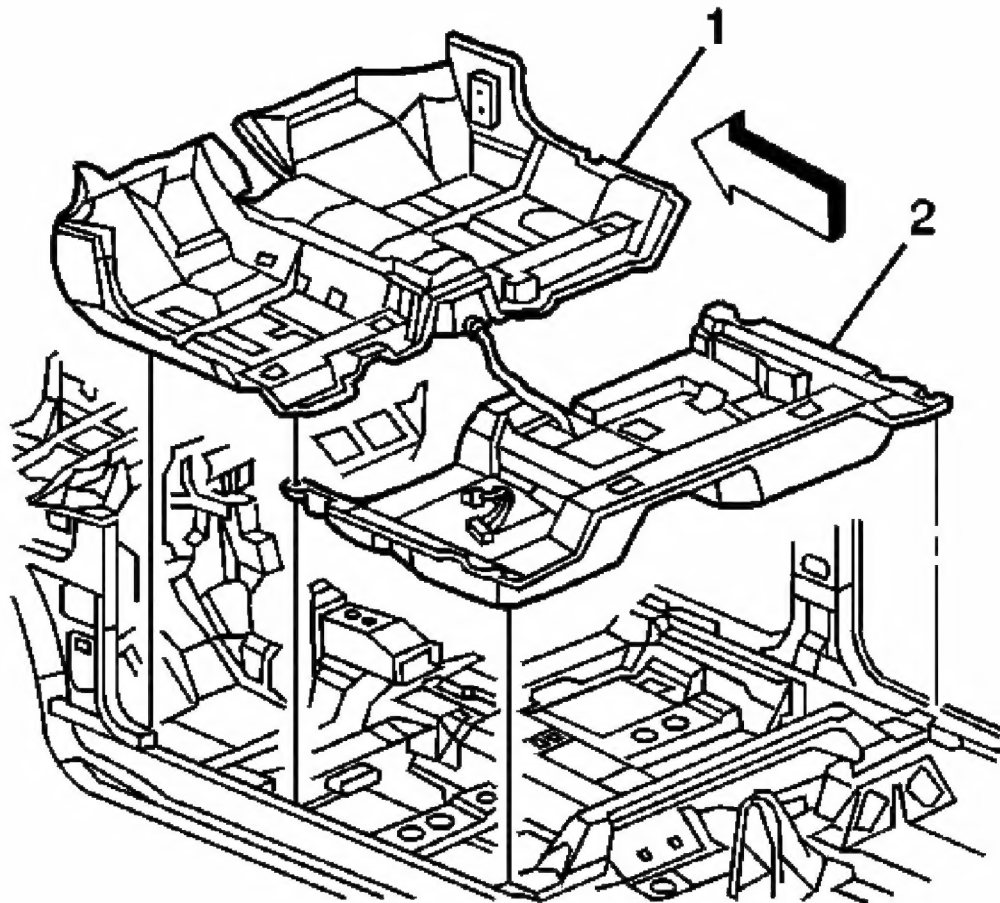
1. Disable the SIR system. Refer to **SIR Disabling and Enabling** and to **SIR Disabling and Enabling** .
2. Remove the front seats. Refer to **Seat Replacement** .
3. Remove the front floor console. Refer to **Console Replacement** .
4. Remove the carpet retainers. Refer to **Front Carpet Retainer Replacement**.



**Fig. 4: View of Front Carpet & Rear Carpet**  
**Courtesy of GENERAL MOTORS CORP.**

5. Remove the front carpet (1).

**Installation Procedure**



**Fig. 5: View of Front Carpet & Rear Carpet**  
Courtesy of GENERAL MOTORS CORP.

**CAUTION:** In order to avoid personal injury or vehicle damage when you repair or replace the carpet, use the same thickness and material size as the original installation. Always return the carpet to the original location.

1. Lay the front carpet (1) into the vehicle.
2. Work the front edges of the carpet into place under the instrument panel.
3. Install the floor vent into the floor ducts, if equipped.
4. Install the center console. Refer to **Console Replacement** .
5. Install the carpet retainer. Refer to **Front Carpet Retainer Replacement**.
6. Install the front seats. Refer to **Seat Replacement** .



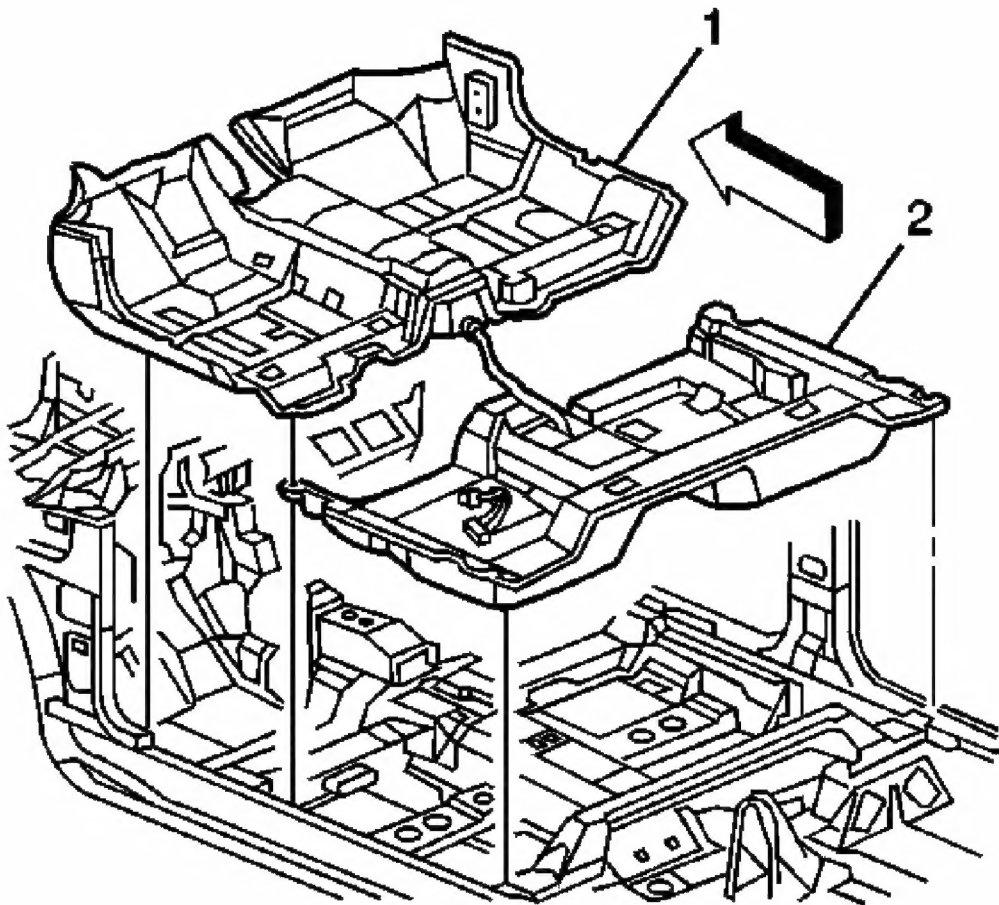
7. Enable the SIR system. Refer to **SIR Disabling and Enabling** and to **SIR Disabling and Enabling**.

## REAR FLOOR PANEL CARPET REPLACEMENT

### Removal Procedure

**CAUTION:** Refer to **SIR Caution**.

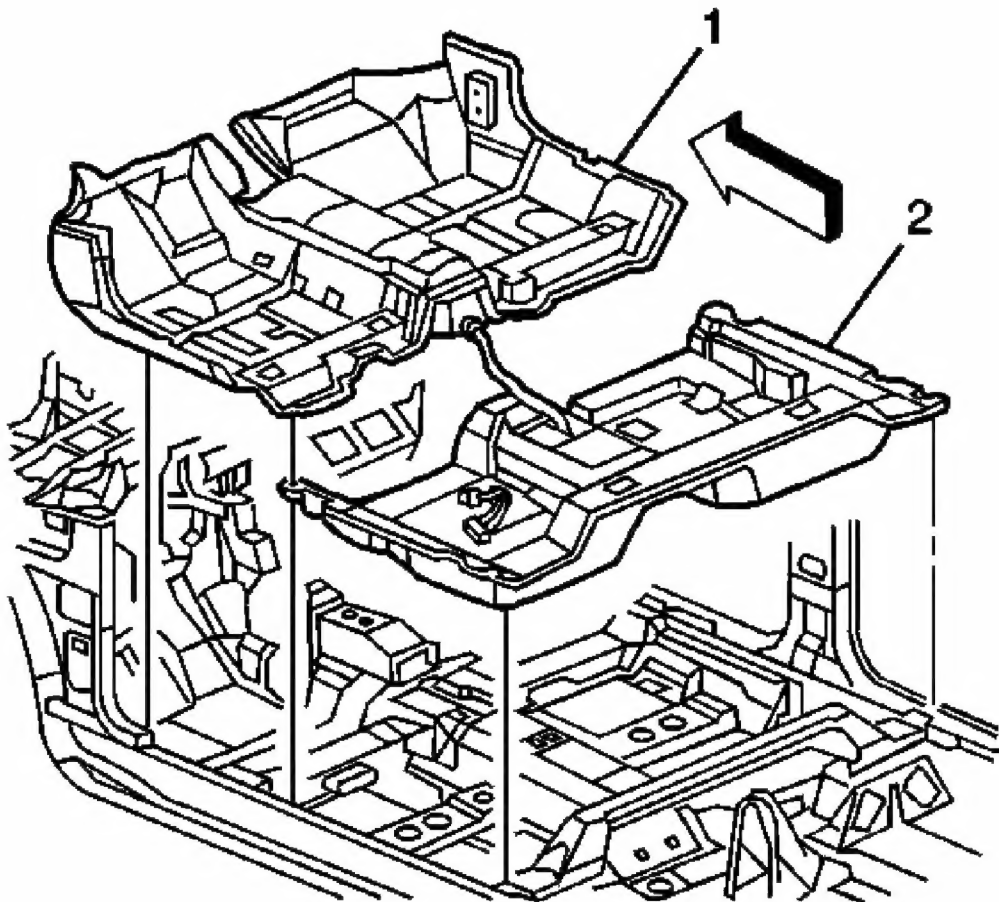
1. Disable the SIR system. Refer to **SIR Disabling and Enabling** and to **SIR Disabling and Enabling**.



**Fig. 6: View of Front Carpet & Rear Carpet**  
**Courtesy of GENERAL MOTORS CORP.**

2. Remove the front seats. Refer to **Seat Replacement** .
3. Remove the center console, if equipped. Refer to **Console Replacement** .
4. Remove the rear seat cushion. Refer to **Rear Seat Cushion Replacement** .
5. Remove the rear carpet retainer. Refer to **Rear Carpet Retainer Replacement** .
6. Remove the rear carpet (2) from the vehicle.

**Installation Procedure**

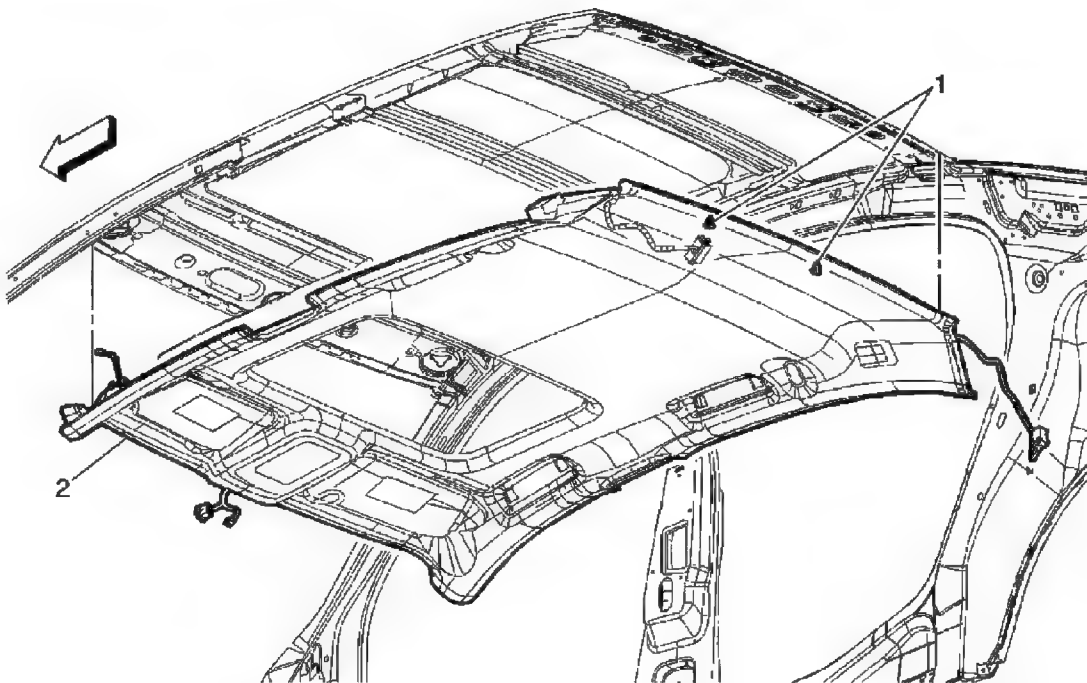


**Fig. 7: View of Front Carpet & Rear Carpet**  
Courtesy of GENERAL MOTORS CORP.

**CAUTION:** In order to avoid personal injury or vehicle damage when you repair or replace the carpet, use the same thickness and material size as the original installation. Always return the carpet to the original location.

1. Lay the rear carpet (2) into the vehicle.
2. Install the rear carpet retainer. Refer to **Rear Carpet Retainer Replacement**.
3. Install the rear seat cushion. Refer to **Rear Seat Cushion Replacement**.
4. Install the center console, if equipped. Refer to **Console Replacement**.
5. Install the front seats. Refer to **Seat Replacement**.
6. Enable the SIR system. Refer to **SIR Disabling and Enabling** and to **SIR Disabling and Enabling**.

## HEADLINING TRIM PANEL REPLACEMENT



**Fig. 8: View Of Headlining Trim Panel**  
 Courtesy of GENERAL MOTORS CORP.

## Headlining Trim Panel Replacement

Callout	Component Name
<b>Preliminary Procedures</b>	
1.	Disable the roof rail SIR system. Refer to <b><u>SIR Disabling and Enabling</u></b> .
2.	Remove the windshield garnish trim moldings. Refer to <b><u>Windshield Pillar Garnish Molding Replacement</u></b> .
3.	Remove the sunshades and the sunshade retaining clips. Refer to <b><u>Sunshade Replacement</u></b> .
4.	Remove the rear window shelf trim panel. Refer to <b><u>Rear Window Shelf Trim</u></b>

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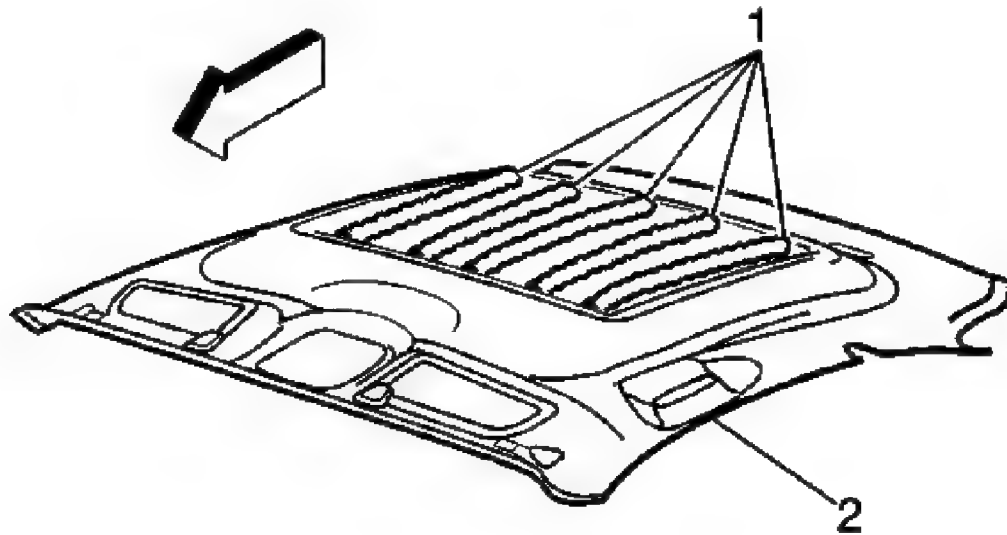
<b><u>Caution</u> Replacement.</b>	<b>Component Name</b>
5. Remove the upper center pillar trim. Refer to <b><u>Center Pillar Upper Garnish Molding Replacement.</u></b>	
6. Remove the upper quarter trim panels. Refer to <b><u>Rear Quarter Upper Trim Panel Replacement.</u></b>	
7. Remove the coat hooks. Refer to <b><u>Coat Hook Replacement.</u></b>	
1	Headliner Trim Panel Retainers (Qty: 2) Headliner Trim Panel Assembly
	<b>Tip:</b>
2	<ol style="list-style-type: none"><li>1. Place the front seats fully forward with the seat back fully reclined.</li><li>2. Disconnect the electrical connectors.</li><li>3. With the aid of an assistant, remove the headliner out the rear door opening of the vehicle by lifting the left hand side and lowering the right hand side.</li></ol>

### CARDBOARD INSULATOR HEADLINER REPLACEMENT

#### Removal Procedure

**CAUTION:** Do not attempt to repair or alter the head impact energy-absorbing material glued to the headliner or to the garnish trims. If the material is damaged, replace the headliner and/or the garnish trim. Failure to do so could result in personal injury.

1. Remove the headliner. Refer to **Headlining Trim Panel Replacement.**



**Fig. 9: Removing/Installing Headliner Cardboard Insulator**  
Courtesy of GENERAL MOTORS CORP.

**NOTE:** Use care when removing the cardboard roof insulator. Excessive pressure can cause dents in the roof panel.

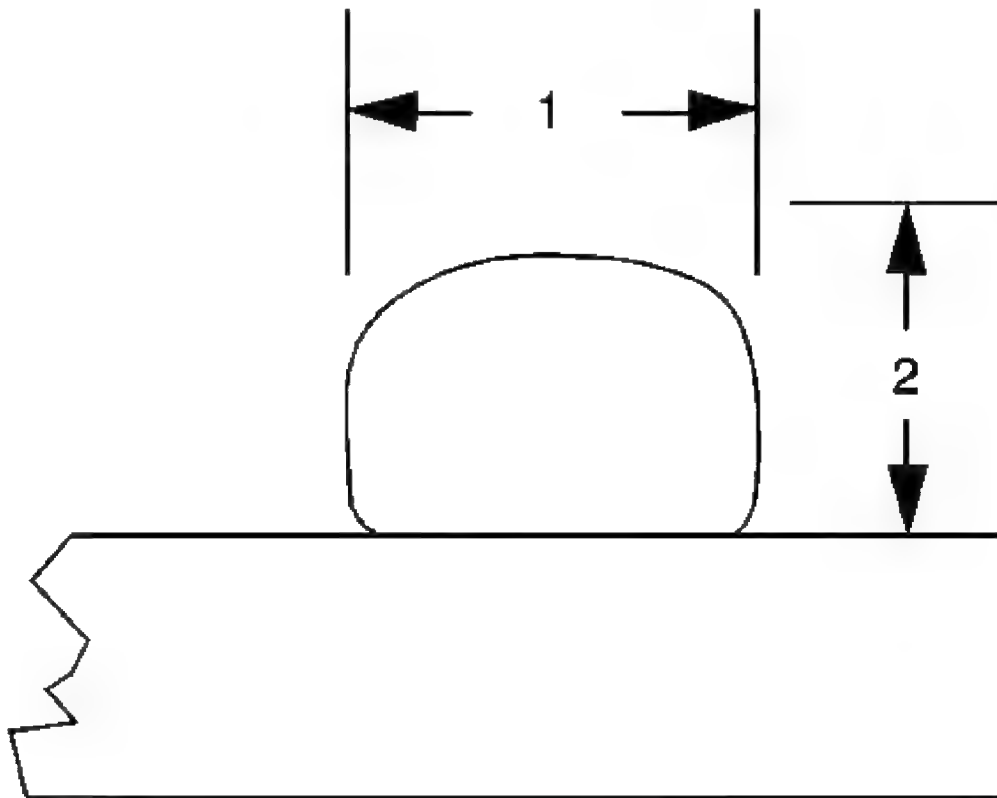
2. Starting in one corner of the cardboard, pulling downward, cut the adhesive beads (1) using a sharp putty knife or equivalent.

**IMPORTANT:** It is not necessary to remove all of the old adhesive from the roof panel.

3. Cut off all of the adhesive beads.
4. Remove the cardboard roof insulator.

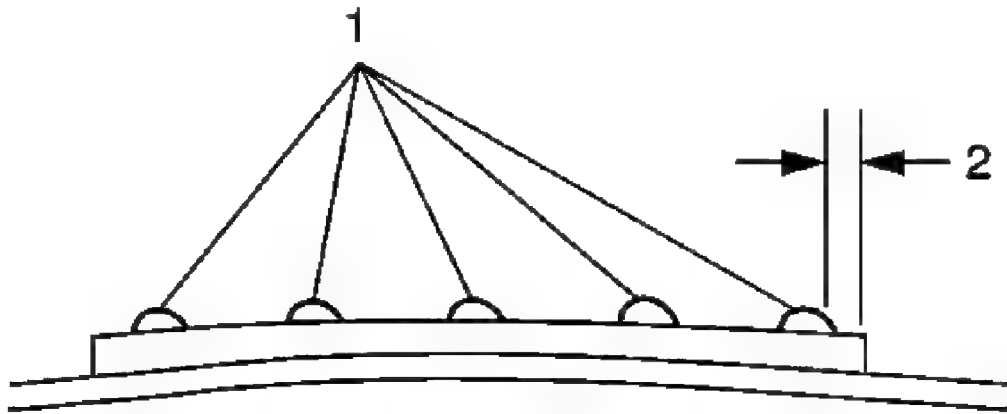
#### **Installation Procedure**

**IMPORTANT:** Installation of a new cardboard roof insulator is necessary to ensure the acoustical integrity of the roof system. Use GM P/N 12378192 Adhesive available through General Motors Service Parts Operations.



**Fig. 10: Identifying Specified Height & Width Of Adhesive**  
**Courtesy of GENERAL MOTORS CORP.**

1. Apply beads of adhesive to a height (2) of 6-9 mm (1/4-3/8 in) and a width (1) of 15 mm (5/8 in).



**Fig. 11: Applying Adhesive To Locations Marked On Cardboard Insulator**  
**Courtesy of GENERAL MOTORS CORP.**

2. Apply the adhesive in the locations marked on the cardboard insulator (1).

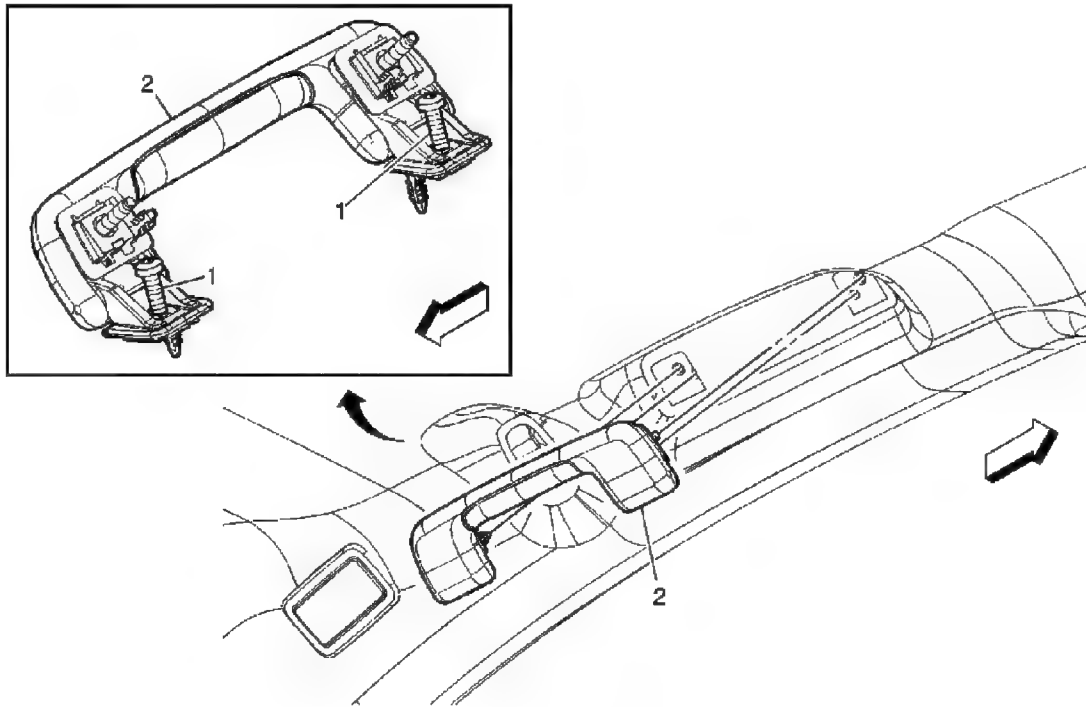
**IMPORTANT: The cardboard roof insulator must be installed within five minutes of adhesive application.**

3. Place the cardboard roof insulator to the roof panel.

**IMPORTANT: Gluing the headliner to the cardboard roof insulator during installation is not required.**

4. Install the headliner. Refer to Headlining Trim Panel Replacement.

**ASSIST HANDLE REPLACEMENT**



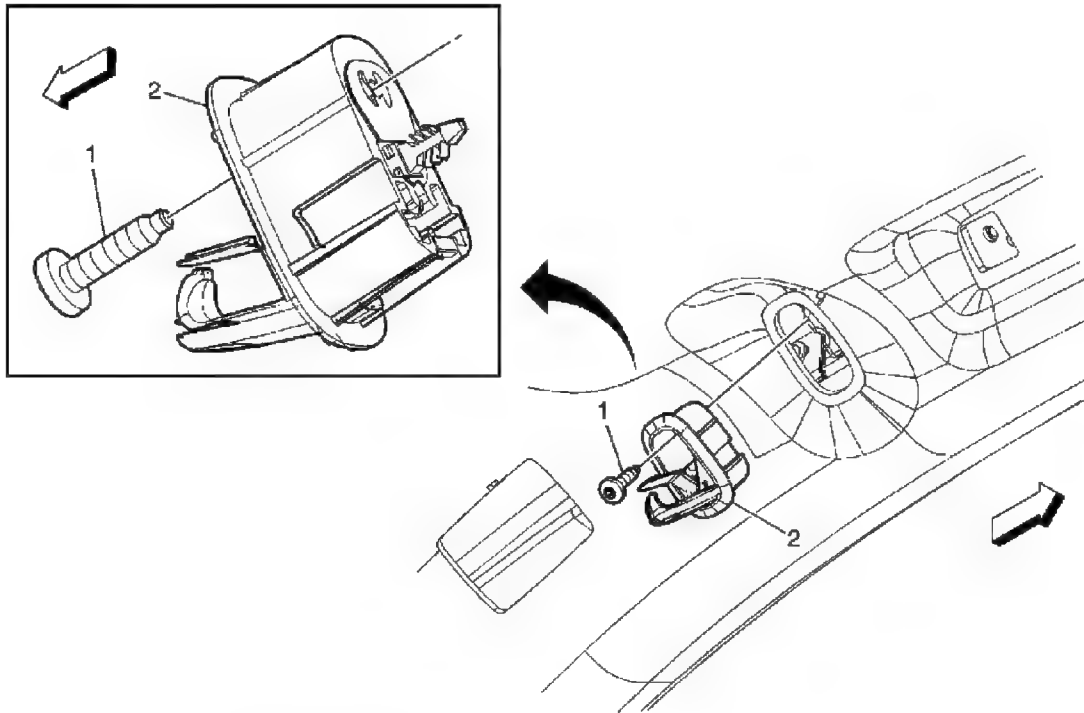
**Fig. 12: Locating Assist Handle**  
 Courtesy of GENERAL MOTORS CORP.

### Assist Handle Replacement

Callout	Component Name
<b>NOTE:</b> Refer to <u>Fastener Notice</u> .	
<b>Fastener Tightening Specifications:</b> Refer to <u>Fastener Tightening Specifications</u> .	
1	Assist Handle Screw (Qty: 2)
	<b>Tighten:</b> 9 N.m (80 lb in)
2	Assist Handle

### COAT HOOK REPLACEMENT



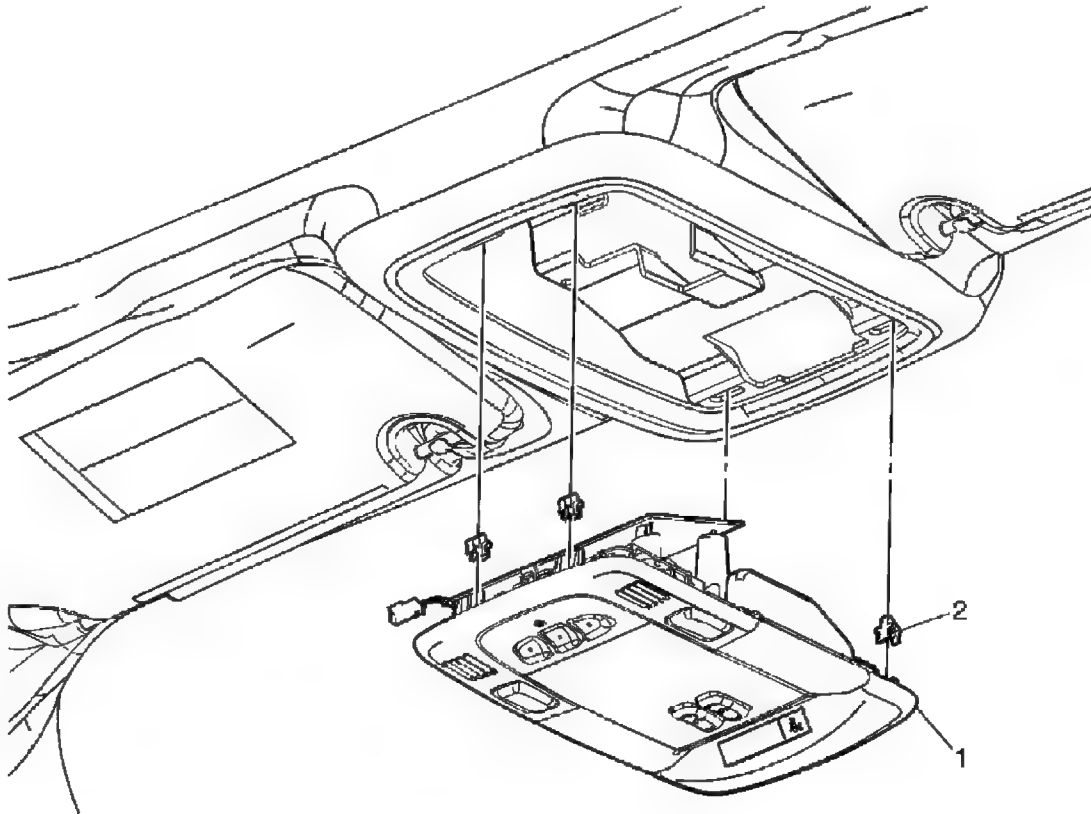


**Fig. 13: Removing/Installing Coat Hook**  
Courtesy of GENERAL MOTORS CORP.

### Coat Hook Replacement

Callout	Component Name
<b>NOTE:</b> Refer to <u>Fastener Notice</u> .	
<b>Fastener Tightening Specifications:</b> Refer to <u>Fastener Tightening Specifications</u> .	
1	Screw, Coat Hook <b>Tighten:</b> 9 N.m (80 lb in)
2	Coat Hook <b>Tip:</b> Pull down to disengage the retainer.

### ROOF CONSOLE REPLACEMENT



**Fig. 14: Removing/Installing Overhead Console**  
 Courtesy of GENERAL MOTORS CORP.

### Roof Console Replacement

#### Callout

#### Component Name

#### NOTE:

Electrostatic discharge (ESD) can damage many solid-state electrical components. ESD susceptible components may or may not be labeled with the ESD symbol. Handle all electrical components carefully. Use the following precautions in order to avoid ESD damage:

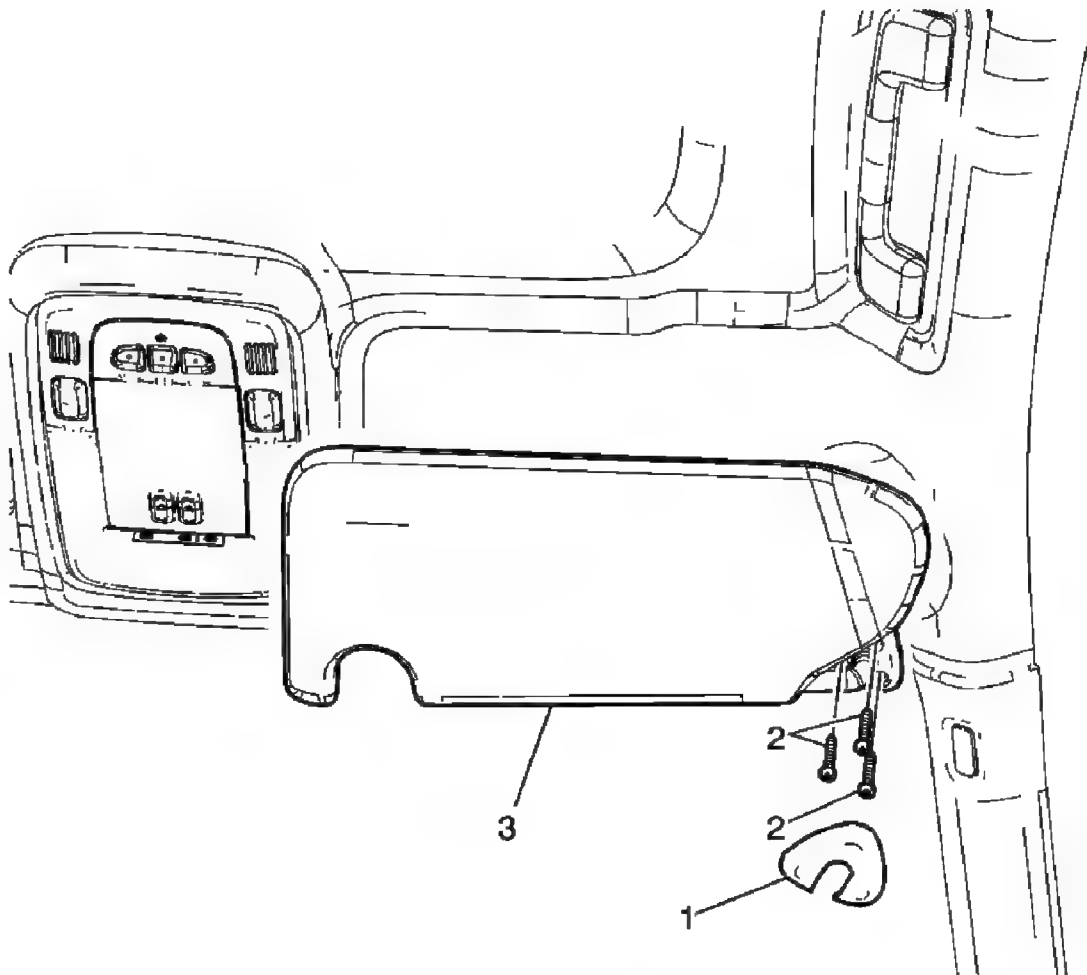
- Touch a metal ground point in order to remove your body's static charge before servicing any electronic component; especially after sliding across the vehicle seat.
- Do not touch exposed terminals. Terminals may connect to circuits susceptible the ESD damage.
- Do not allow tools to contact exposed terminals when servicing connectors.
- Do not remove components from their protective packaging until required to do so.
- Avoid the following actions unless required by the diagnostic procedure:
  - Jumpering or grounding of the components or connectors.
  - Connecting test equipment probes to components or connectors. Connect the ground lead first when using test probes.
- Ground the protective packaging of any component before opening. Do not rest solid-state components on metal workbenches or on top of TVs, radios or other electrical devices.

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Callout	Overhead Console Assembly	Component Name
<p><b>NOTE:</b></p> <p>Electrostatic discharge (ESD) can damage many solid-state electrical components. ESD susceptible components may or may not be labeled with the ESD symbol. Handle all electrical components carefully. Use the following precautions in order to avoid ESD damage.</p> <p><b>Procedure</b></p> <ol style="list-style-type: none"> <li>1. Pull down on the overhead console to disengage the retainers.</li> <li>2. Disconnect the electrical connectors.</li> </ol> <ul style="list-style-type: none"> <li>• Touch a metal ground point in order to remove your body's static charge before servicing any electronic component, especially after sliding across the vehicle seat.</li> </ul>		
	2	Console Assembly Retainer (Qty: 2)

### SUNSHADE REPLACEMENT



**Fig. 15: Removing/Installing Sunshade**  
Courtesy of GENERAL MOTORS CORP.

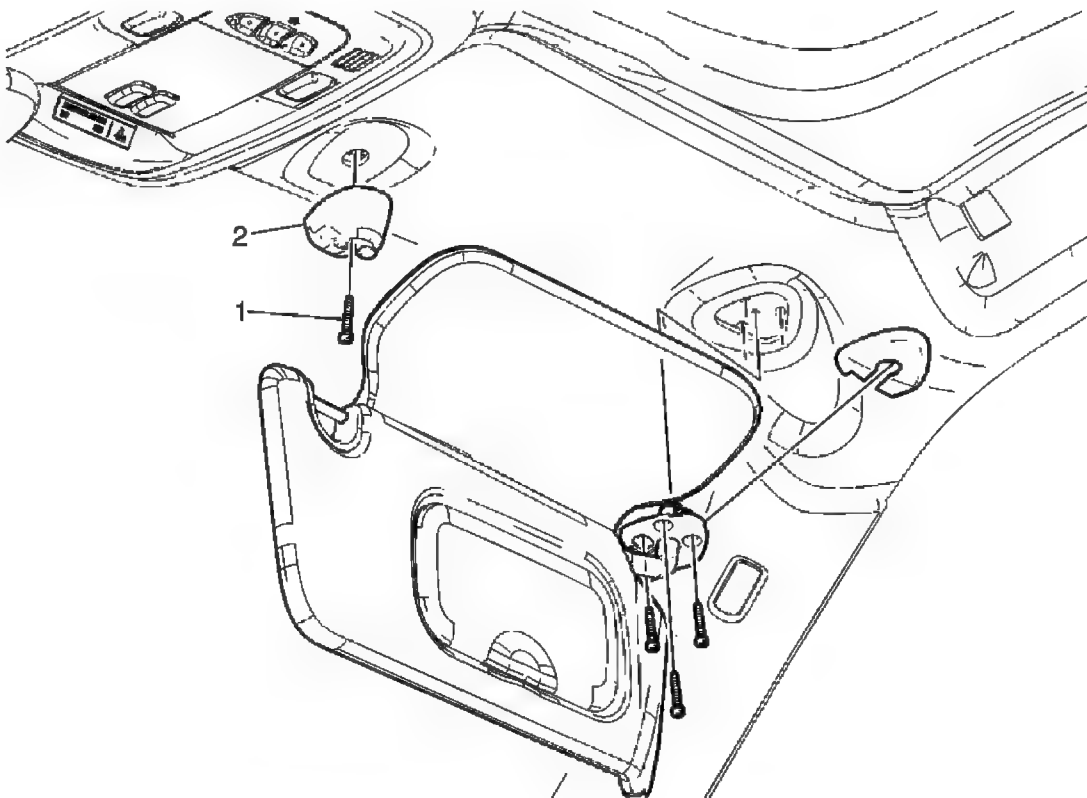
### Sunshade Replacement

Callout	Component Name
<p><b>NOTE:</b></p> <p>Refer to <a href="#">Fastener Notice</a> .</p>	

**Fastener Tightening Specifications:** Refer to Fastener Tightening Specifications.

- |   |  |
|---|--|
| 1 | Sunshade Support Bolt Cover<br>Sunshade Bolt |
| 2 | <b>Tighten:</b> 3 N.m (25 lb in)             |
| 3 | Sunshade Assembly                            |

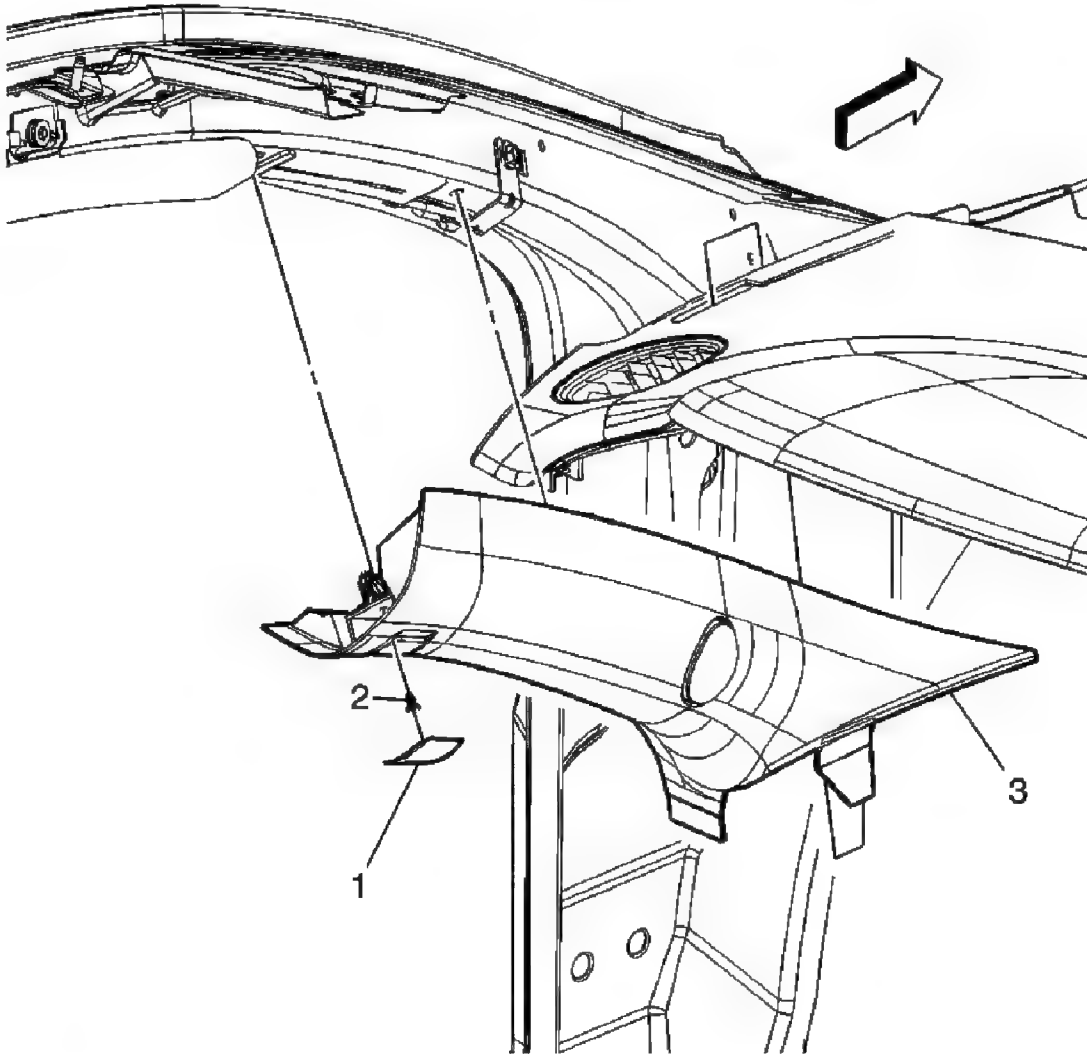
#### SUNSHADE RETAINER BEZEL REPLACEMENT



**Fig. 16: Removing/Installing Sunshade Retainer Bezel**  
Courtesy of GENERAL MOTORS CORP.

#### Sunshade Retainer Bezel Replacement

Callout	Component Name
<b>NOTE:</b> Refer to <u>Fastener Notice</u> .	
<b>Fastener Tightening Specifications:</b> Refer to <u>Fastener Tightening Specifications</u> .	
1	Sunshade Support Screw <b>Tighten:</b> 3 N.m (25 lb in)

**Callout****Sunshade Support****Component Name****WINDSHIELD PILLAR GARNISH MOLDING REPLACEMENT**

**Fig. 17: Removing/Installing Windshield Pillar Garnish Molding**  
Courtesy of GENERAL MOTORS CORP.

**Windshield Pillar Garnish Molding Replacement**

Callout	Component Name
<b>NOTE:</b> Refer to <u>Fastener Notice</u> .	
<b>Fastener Tightening Specifications:</b> Refer to <u>Fastener Tightening Specifications</u> .	
1	Windshield Side Garnish Molding Cover
2	Windshield Side Garnish Screw

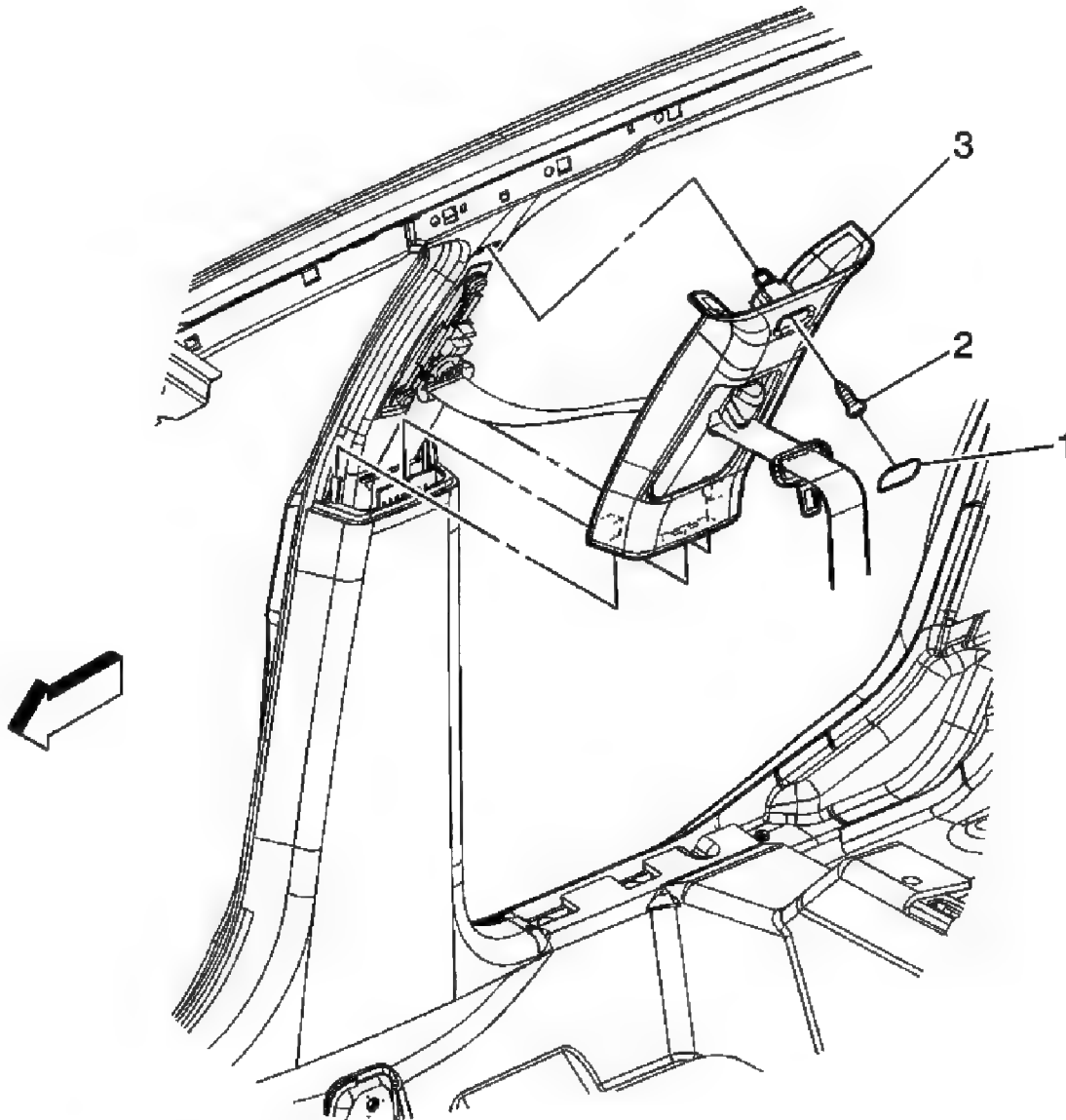
3

**Tighten:** 9 N.m (80 lb in)

Windshield Garnish Molding Assembly

**Tip:** Disconnect the electrical connector.

## CENTER PILLAR UPPER GARNISH MOLDING REPLACEMENT



**Fig. 18: Identifying Center Pillar Upper Garnish Molding**  
 Courtesy of GENERAL MOTORS CORP.

## Center Pillar Upper Garnish Molding Replacement

Callout	Component Name
<p><b>NOTE:</b>                      Refer to <u>Fastener Notice</u> .</p>	

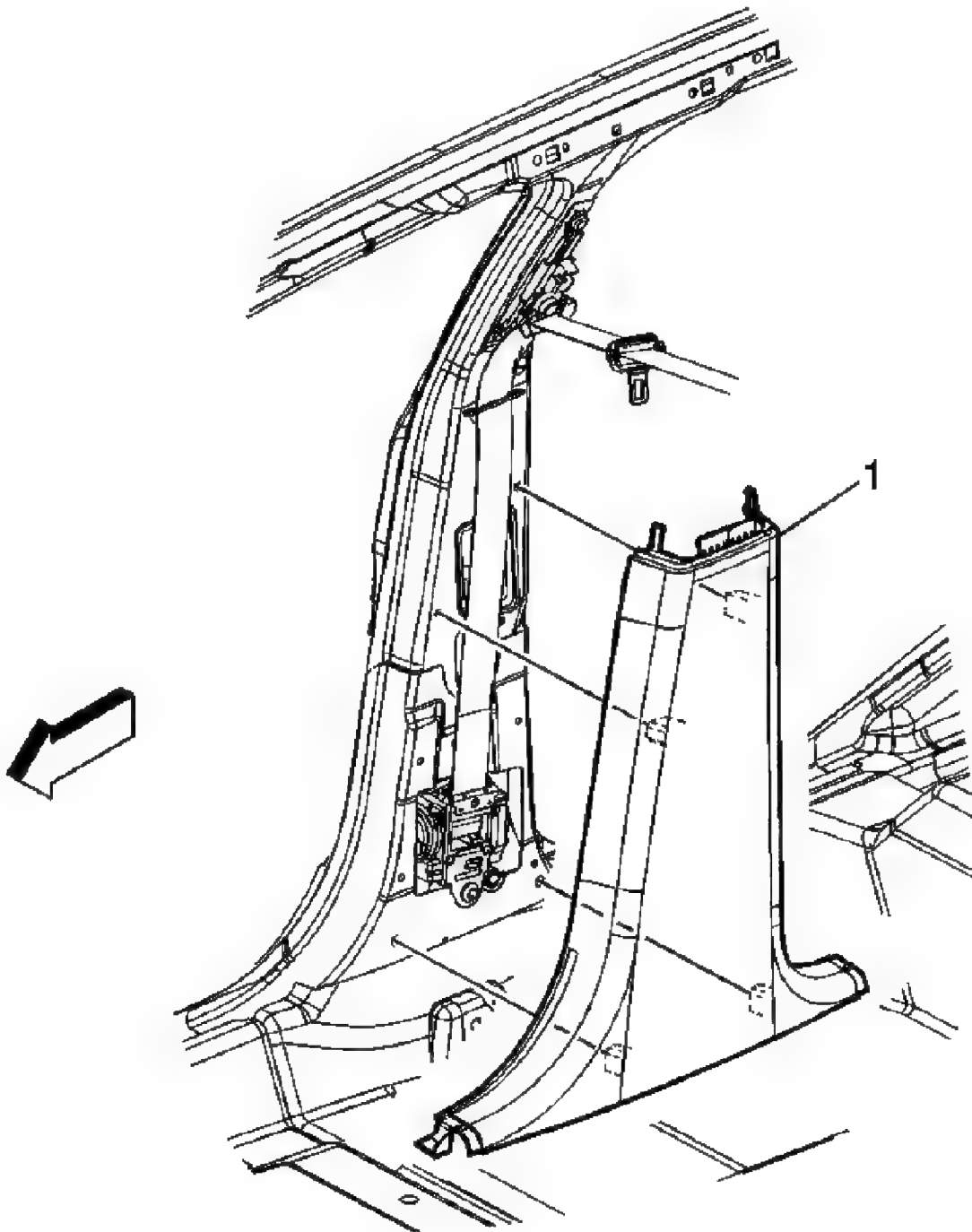
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**Fastener Tightening Specifications:** Refer to **Fastener Tightening Specifications**. **Preliminary Procedures:** Disable the roof rail SIR system. Refer to **SIR Disabling and Enabling** .

1	Cover, Upper Garnish Molding
2	Screw, Upper Garnish Molding <b>Tighten:</b> 2 N.m (18 lb in)
3	Panel Assembly, Center Pillar Upper Trim  1. Remove the seat belt D-ring from the adjuster assembly.  <b>Tighten:</b> 35 N.m (25 lb ft)  2. Pull the trim panel toward the inside of the vehicle to disengage the retainers.

### CENTER PILLAR LOWER GARNISH MOLDING REPLACEMENT



**Fig. 19: Identifying Center Pillar Lower Garnish Molding**  
 Courtesy of GENERAL MOTORS CORP.

### Center Pillar Lower Garnish Molding Replacement

Callout	Component Name
<b>Preliminary Procedures</b>	
1. Disable the roof rail SIR system. Refer to <b>SIR Disabling and Enabling</b> .	



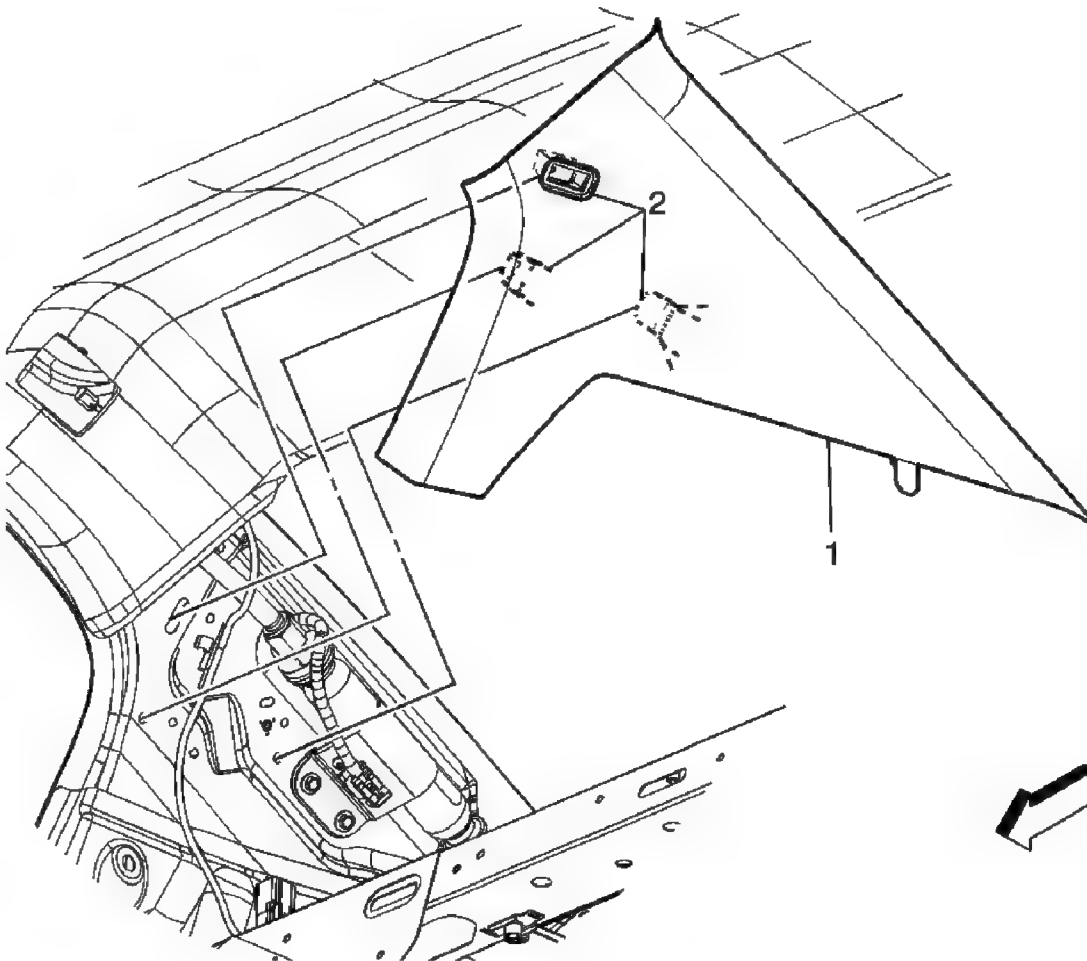
2. Remove the front and rear carpet retainers. Refer to **Front Carpet Retainer Replacement** and **Rear Carpet Retainer Replacement**.
3. Remove the center pillar upper trim panel. Refer to **Center Pillar Upper Garnish Molding Replacement**.

1

Center Pillar Lower Trim Panel Assembly

**Tip:** Pull outward to disengage the retainer clips.

## REAR QUARTER UPPER TRIM PANEL REPLACEMENT



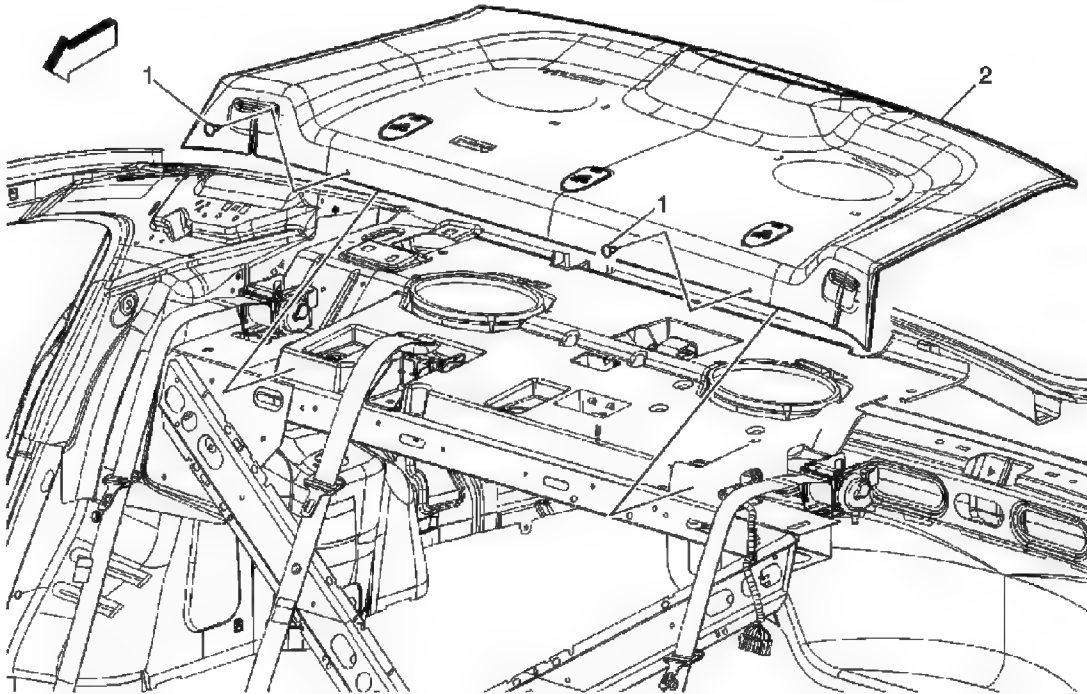
**Fig. 20: Locating Rear Quarter Upper Trim Panel**  
 Courtesy of GENERAL MOTORS CORP.

## Rear Quarter Upper Trim Panel Replacement

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <b><u>Fastener Tightening Specifications</u></b> .	
1	Quarter Upper Trim Panel Assembly <b>Tip:</b> Remove the trim cover and screw.

2

Quarter Upper Trim Panel Retainers (Qty: 3)

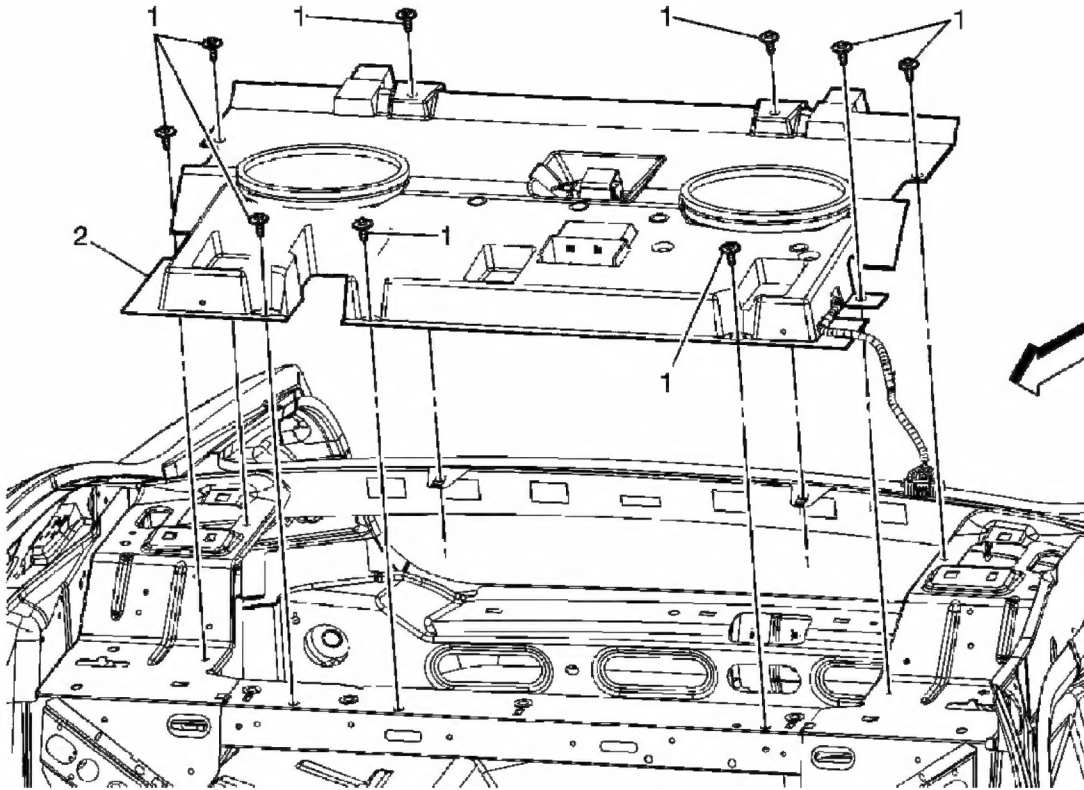
**REAR WINDOW SHELF TRIM PANEL REPLACEMENT**

**Fig. 21: Locating Rear Window Shelf Trim Panel**  
Courtesy of GENERAL MOTORS CORP.

**Rear Window Shelf Trim Panel Replacement**

Callout	Component Name
<b>Preliminary Procedure</b>	
1. Remove the rear seat back. Refer to <u><b>Rear Seat Back Replacement</b></u> .	
2. Remove the rear quarter upper trim panel. Refer to <u><b>Rear Quarter Upper Trim Panel Replacement</b></u> .	
1	Rear Window Trim Panel Retainer (Qty: 2)
2	Rear Window Trim Panel Assembly

**REAR SHELF TRIM PANEL CARRIER REPLACEMENT**



**Fig. 22: Removing/Installing Rear Shelf Trim Panel Carrier**  
 Courtesy of GENERAL MOTORS CORP.

### Rear Shelf Trim Panel Carrier Replacement

Callout	Component Name
<b>Fastener Tightening Specifications:</b> Refer to <u>Fastener Tightening Specifications</u> .	
<b>Preliminary Procedure</b>	
1. Remove the rear quarter upper trim panel. Refer to <u>Rear Quarter Upper Trim Panel Replacement</u> . 2. Remove the rear window trim panel. Refer to <u>Rear Window Shelf Trim Panel Replacement</u> .	
1	Rear Window Panel Bolt (Qty: 9)  <b>Tighten:</b> 6 N.m (53 lb in)
2	Rear Window Panel Frame Assembly <b>Tip:</b> <ol style="list-style-type: none"> <li>1. Disconnect the electrical connectors.</li> <li>2. If replacing the rear window panel, transfer parts as necessary to the new panel.</li> </ol>

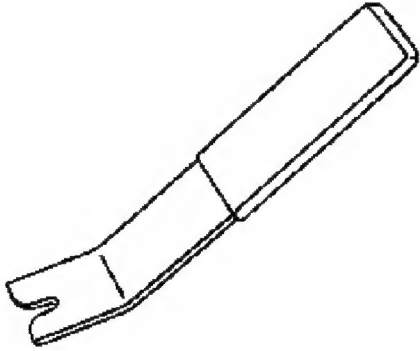
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### SPECIAL TOOLS AND EQUIPMENT

#### SPECIAL TOOLS

##### Special Tools

Illustration	Tool Number/Description
	J 38778 Door Trim Pad Clip Remover

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<b>2006 Buick Lucerne CXS</b>
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